

Andrew Freistein 10/766,086

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* * * * * Welcome to STN International * * * * *

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STN AnaVist, now available
NEWS 4 AUG 11 STN AnaVist workshops to be held in North America
NEWS 5 AUG 30 CA/CAPLUS - Increased access to 19th century research documents
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NEWS 7 SEP 09 ACD predicted properties enhanced in REGISTRY/ZREGISTRY
NEWS 8 OCT 03 MATHDI removed from STN
NEWS 9 OCT 04 CA/CAPLUS-Canadian Intellectual Property Office (CIPO) added
to core patent offices
NEWS 10 OCT 06 STN AnaVist workshops to be held in North America
NEWS 11 OCT 13 New CAS Information Use Policies Effective October 17, 2005
NEWS 12 OCT 17 STN(R) AnaVist(TM), Version 1.01, allows the export/download
of CAPLUS documents for use in third-party analysis and
visualization tools
NEWS 13 OCT 27 Free KWIC format extended in full-text databases
NEWS 14 OCT 27 DIOGENES content streamlined
NEWS 15 OCT 27 EPFULL enhanced with additional content

NEWS EXPRESS JUNE 13 CURRENT WINDOWS VERSION IS V8.0, CURRENT
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 13 JUNE 2005

NEWS HOURS STN Operating Hours Plus Help Desk Availability
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* * * * * STN Columbus * * * * *

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=> file reg

11/11/2005

Page 1

Andrew Freistein 10/766,086

| COST IN U.S. DOLLARS | SINCE FILE ENTRY | TOTAL SESSION |
|----------------------|------------------|---------------|
| FULL ESTIMATED COST | 0.21 | 0.21 |

FILE 'REGISTRY' ENTERED AT 09:20:41 ON 11 NOV 2005
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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 9 NOV 2005 HIGHEST RN 867140-95-2
DICTIONARY FILE UPDATES: 9 NOV 2005 HIGHEST RN 867140-95-2

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TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2005

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*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
*

Structure search iteration limits have been increased. See HELP SLIMITS for details.

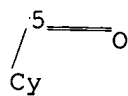
REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

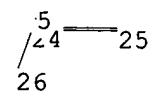
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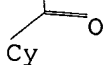
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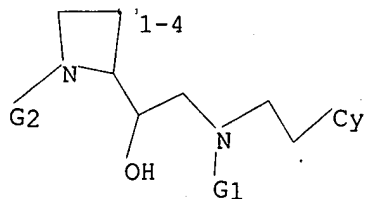
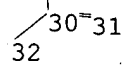
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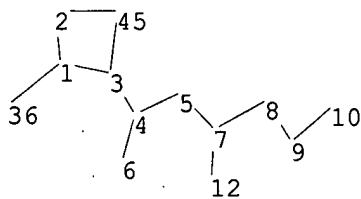
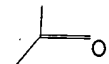
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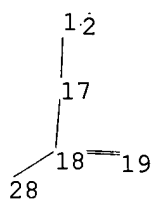
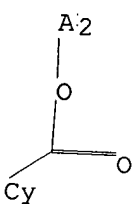
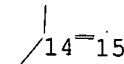
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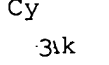
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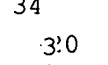
11



SC7



34



3k



30



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chain nodes :
4 5 6 7 8 9 10 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26
27 28 29 30 31 32 33 34 36 37
ring nodes :
1 2 3 45
chain bonds :
1-36 3-4 4-5 4-6 5-7 7-8 7-12 8-9 9-10 13-14 14-15 14-27 16-17 17-18
18-19 18-28 20-21 21-37 22-23 24-25 24-26 29-30 30-31 30-32 33-34
ring bonds :
1-3 1-2 2-45 3-45
exact/norm bonds :
1-3 1-2 1-36 2-45 3-45 4-6 5-7 7-8 7-12 9-10 13-14 14-15 14-27 16-17
17-18 18-19 18-28 20-21 21-37 22-23 24-25 24-26 29-30 30-31 30-32 33-34
exact bonds :
3-4 4-5 8-9

G1:H,Ak

G2:[*1],[*2],[*3],[*4],[*5],[*6],[*7]

Match level :
1:Atom 2:Atom 3:Atom 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:CLASS
10:Atom 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS
19:CLASS 20:CLASS 21:CLASS 22:CLASS 23:Atom 24:CLASS 25:CLASS 26:Atom
27:Atom 28:Atom 29:CLASS 30:CLASS 31:CLASS 32:Atom 33:CLASS 34:Atom
36:CLASS 37:Atom 45:Atom

L1 STRUCTURE UPLOADED

=> s 11

SAMPLE SEARCH INITIATED 09:21:01 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 2552 TO ITERATE

78.4% PROCESSED 2000 ITERATIONS 11 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 48010 TO 54070
PROJECTED ANSWERS: 56 TO 504

L2 11 SEA SSS SAM L1

=> s 11 full

FULL SEARCH INITIATED 09:21:10 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 52190 TO ITERATE

100.0% PROCESSED 52190 ITERATIONS 250 ANSWERS
SEARCH TIME: 00.00.04

L3 250 SEA SSS FUL L1

=> file hcaplus
COST IN U.S. DOLLARS

SINCE FILE TOTAL
ENTRY SESSION

11/11/2005

Page 4

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FULL ESTIMATED COST

161.33

161.54

FILE 'HCAPLUS' ENTERED AT 09:21:20 ON 11 NOV 2005

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FILE LAST UPDATED: 9 Nov 2005 (20051109/ED)

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l3

L4 4 L3

=> d ibib

L4 ANSWER 1 OF 4 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2004:675718 HCAPLUS

DOCUMENT NUMBER: 141:207050

TITLE: Preparation of pyrrolidinyldihydroxyethylarylethylamines and related compounds as calcium sensing receptor modulators

INVENTOR(S): Gavai, Ashvinikumar V.; Vaz, Roy J.; Dickson, John K., Jr.; Roberge, Jacques Y.; Wang, Wu; Gungor, Timur; Corte, James R.; Rotella, David P.; Wang, Yufeng; Wu, Yang

PATENT ASSIGNEE(S): Bristol-Myers Squibb Company, USA

SOURCE: PCT Int. Appl., 125 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---------------|--|----------|-----------------|----------|
| ----- | ---- | ----- | ----- | ----- |
| WO 2004069793 | A2 | 20040819 | WO 2004-US2296 | 20040127 |
| WO 2004069793 | A3 | 20050120 | | |
| W: | AE, AE, AG, AL, AL, AM, AM, AM, AT, AT, AU, AZ, AZ, BA, BB, BG, BG, BR, BR, BW, BY, BY, BZ, BZ, CA, CH, CN, CN, CO, CO, CR, CR, CU, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EC, EE, EE, EG, ES, ES, FI, FI, GB, GD, GE, GE, GH, GM, HR, HR, HU, HU, ID, IL, IN, IS, JP, JP, KE, KE, KG, KG, KP, KP, KR, KR, KZ, KZ, KZ, LC, LK, LR, LS, LS, LT, LU, LV, MA, MD, MD, MG, MK, MN, MW, MX, MX, MZ, MZ, NA, NI | | | |

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RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE,
BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU,
MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN,
GQ, GW, ML, MR, NE, SN, TD, TG, BF, BJ, CF, CG, CI, CM, GA, GN,
GQ, GW, ML, MR, NE, SN, TD, TG

US 2004229860 A1 20041118 US 2004-766086 20040127
PRIORITY APPLN. INFO.: US 2003-443255P P 20030128
OTHER SOURCE(S): MARPAT 141:207050

=> d ibib hitstr 2-3

L4 ANSWER 2 OF 4 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2000:513717 HCAPLUS

DOCUMENT NUMBER: 133:129895

TITLE: Compounds which inhibit leukocyte adhesion mediated by
VLA-4

INVENTOR(S): Ashwell, Susan; Baudy, Reinhardt Bernhard; Pleiss,
Michael A.; Sarantakis, Dimitrios; Thorsett, Eugene D.

PATENT ASSIGNEE(S): Elan Pharmaceuticals, Inc., USA; American Home
Products Corporation

SOURCE: PCT Int. Appl., 163 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|--|------|----------|-----------------|-------------|
| WO 2000043415 | A1 | 20000727 | WO 2000-US1603 | 20000121 |
| W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | | | | |
| RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG | | | | |
| CA 2359114 | AA | 20000727 | CA 2000-2359114 | 20000121 |
| EP 1150997 | A1 | 20011107 | EP 2000-911618 | 20000121 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO | | | | |
| US 6436904 | B1 | 20020820 | US 2000-489589 | 20000121 |
| US 2003027850 | A1 | 20030206 | US 2002-139370 | 20020507 |
| US 6949570 | B2 | 20050927 | | |
| HK 1044549 | A1 | 20050527 | HK 2002-106216 | 20020823 |
| PRIORITY APPLN. INFO.: | | | US 1999-183055P | P 19990125 |
| | | | US 1999-237473 | A1 19990125 |
| | | | US 2000-489589 | A3 20000121 |
| | | | WO 2000-US1603 | W 20000121 |

OTHER SOURCE(S): MARPAT 133:129895

IT 286454-56-6P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological
study, unclassified); RCT (Reactant); SPN (Synthetic preparation); THU
(Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT
(Reactant or reagent); USES (Uses)

(VLA-4-mediated leukocyte adhesion inhibitors, preparation, and therapeutic
use)

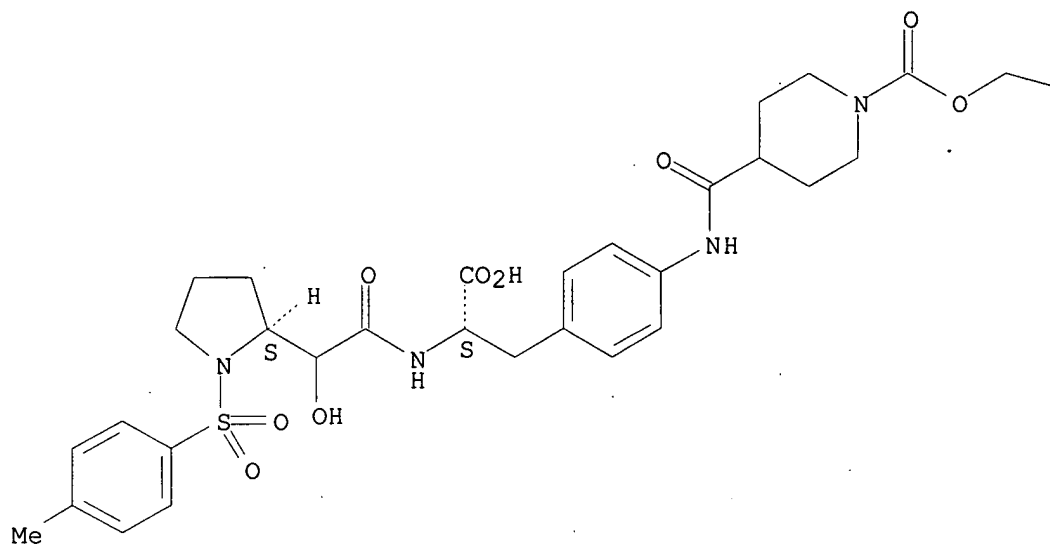
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RN 286454-56-6 HCAPLUS

CN 1-Piperidinecarboxylic acid, 4-[[[4-[(2S)-2-carboxy-2-[[hydroxy[(2S)-1-[(4-methylphenyl)sulfonyl]-2-pyrrolidinyl]acetyl]amino]ethyl]phenyl]amino]carbonyl]-, 1-(phenylmethyl) ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

PAGE 1-A



PAGE 1-B

— Ph

IT 286454-57-7P

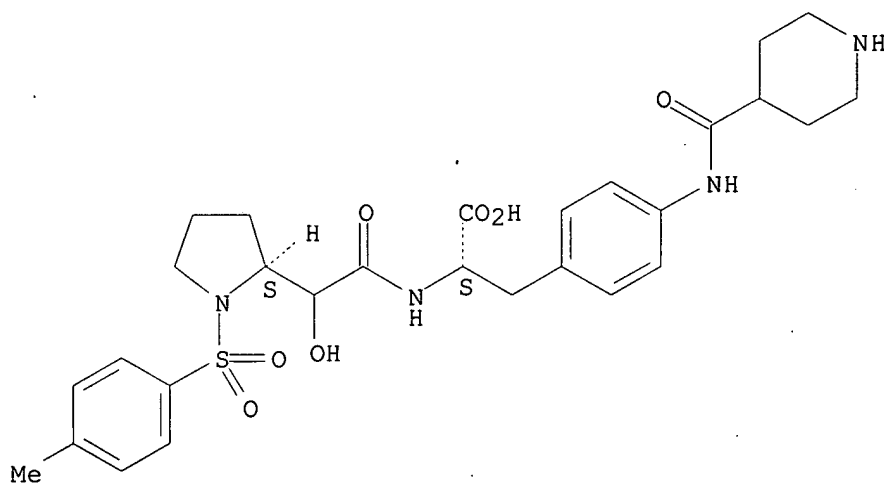
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(VLA-4-mediated leukocyte adhesion inhibitors, preparation, and therapeutic use)

RN 286454-57-7 HCAPLUS

CN L-Phenylalanine, N-[hydroxy[(2S)-1-[(4-methylphenyl)sulfonyl]-2-pyrrolidinyl]acetyl]-4-[(4-piperidinylcarbonyl)amino]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



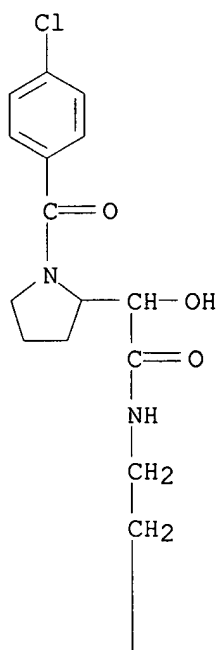
REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 4 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 1995:794892 HCAPLUS
 DOCUMENT NUMBER: 124:9442
 TITLE: Preparation of novel pyrrolidine derivative as prolyl endopeptidase inhibitor
 INVENTOR(S): Takeuchi, Tomio; Aoyagi, Takaaki; Muraoka, Yasuhiko; Tsuda, Makoto
 PATENT ASSIGNEE(S): Zaidan Hojin Biseibutsu KK, Japan
 SOURCE: PCT Int. Appl., 187 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

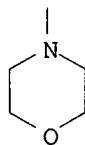
| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|--|------|----------|-----------------|------------|
| WO 9503277 | A1 | 19950202 | WO 1994-JP1208 | 19940722 |
| W: CN, JP, KR, US | | | | |
| RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE | | | | |
| EP 709373 | A1 | 19960501 | EP 1994-921799 | 19940722 |
| EP 709373 | B1 | 20011017 | | |
| R: DE, FR, GB, IT | | | | |
| US 5756763 | A | 19980526 | US 1996-581507 | 19960111 |
| US 5965556 | A | 19991012 | US 1998-19535 | 19980205 |
| PRIORITY APPLN. INFO.: | | | JP 1993-182930 | A 19930723 |
| | | | WO 1994-JP1208 | W 19940722 |

OTHER SOURCE(S): MARPAT 124:9442
 IT 167852-93-9P 167852-94-0P 167852-97-3P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (intermediate for preparation of N-(aminoacyl)- and N-acylpyrrolidine derivative
 as prolyl endopeptidase inhibitor)
 RN 167852-93-9 HCAPLUS
 CN 2-Pyrrolidineacetamide, 1-(4-chlorobenzoyl)- α -hydroxy-N-[2-(4-morpholinyl)ethyl]- (9CI) (CA INDEX NAME)

PAGE 1-A

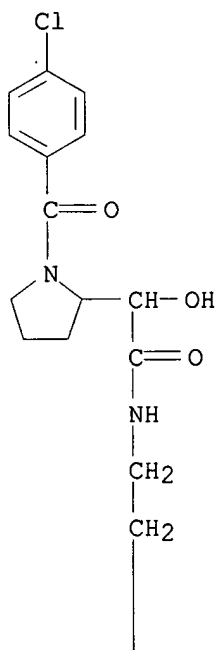


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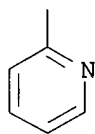


RN 167852-94-0 HCAPLUS
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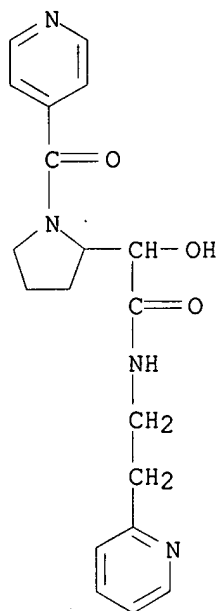
PAGE 1-A



PAGE 2-A



RN 167852-97-3 HCAPLUS
CN 2-Pyrrolidineacetamide, α -hydroxy-1-(4-pyridinylcarbonyl)-N-[2-(2-pyridinyl)ethyl]- (9CI) (CA INDEX NAME)



=> d ibib hitstr 4

L4 ANSWER 4 OF 4 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1994:107698 HCAPLUS

DOCUMENT NUMBER: 120:107698

TITLE: A new method for the solid phase synthesis of hydroxyethylamine peptide bond isosteres: synthesis of a HIV-1 protease inhibitor and of a β -casomorphin-5 analog

AUTHOR(S): Tourwe, D.; Piron, J.; Defreyn, P.; Van Binst, G.

CORPORATE SOURCE: Eenheid Org. Chem., Vrije Univ. Brussel, Brussels, B-1050, Belg.

SOURCE: Tetrahedron Letters (1993), 34(34), 5499-502

CODEN: TELEAY; ISSN: 0040-4039

DOCUMENT TYPE: Journal

LANGUAGE: English

OTHER SOURCE(S): CASREACT 120:107698

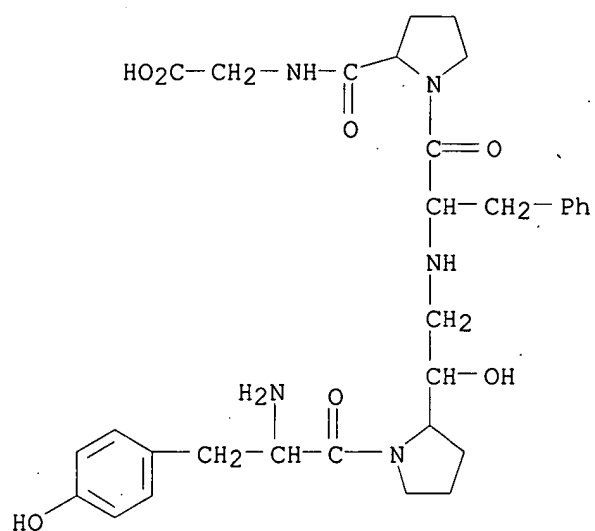
IT 152683-80-2P

RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

RN 152683-80-2 HCAPLUS

CN Glycine, N-[1-[N-[2-[1-[2-amino-3-(4-hydroxyphenyl)-1-oxopropyl]-2-pyrrolidinyl]-2-hydroxyethyl]-L-phenylalanyl]-L-prolyl]-, [2S-[1(R*),2R*(S*)]]- (9CI) (CA INDEX NAME)

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=>

---Logging off of STN---

=>

Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS

| SINCE FILE | TOTAL |
|------------|---------|
| ENTRY | SESSION |
| 13.72 | 175.26 |

FULL ESTIMATED COST

STN INTERNATIONAL LOGOFF AT 09:22:05 ON 11 NOV 2005